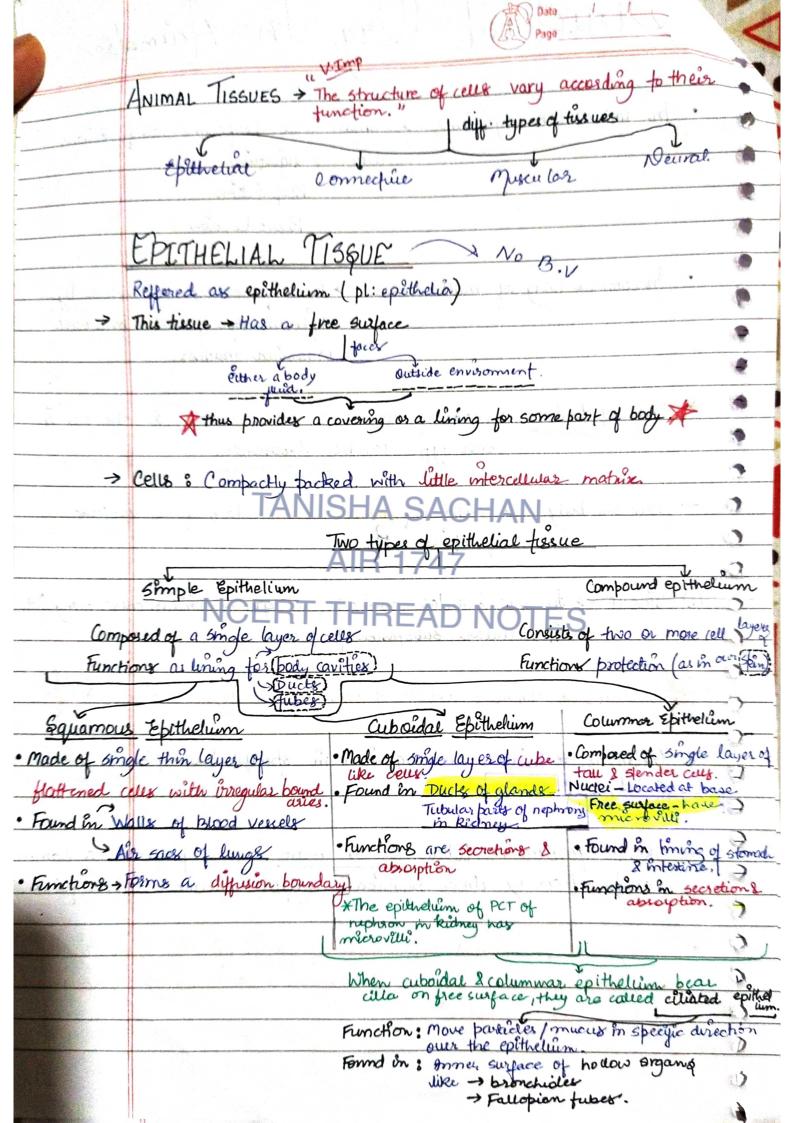
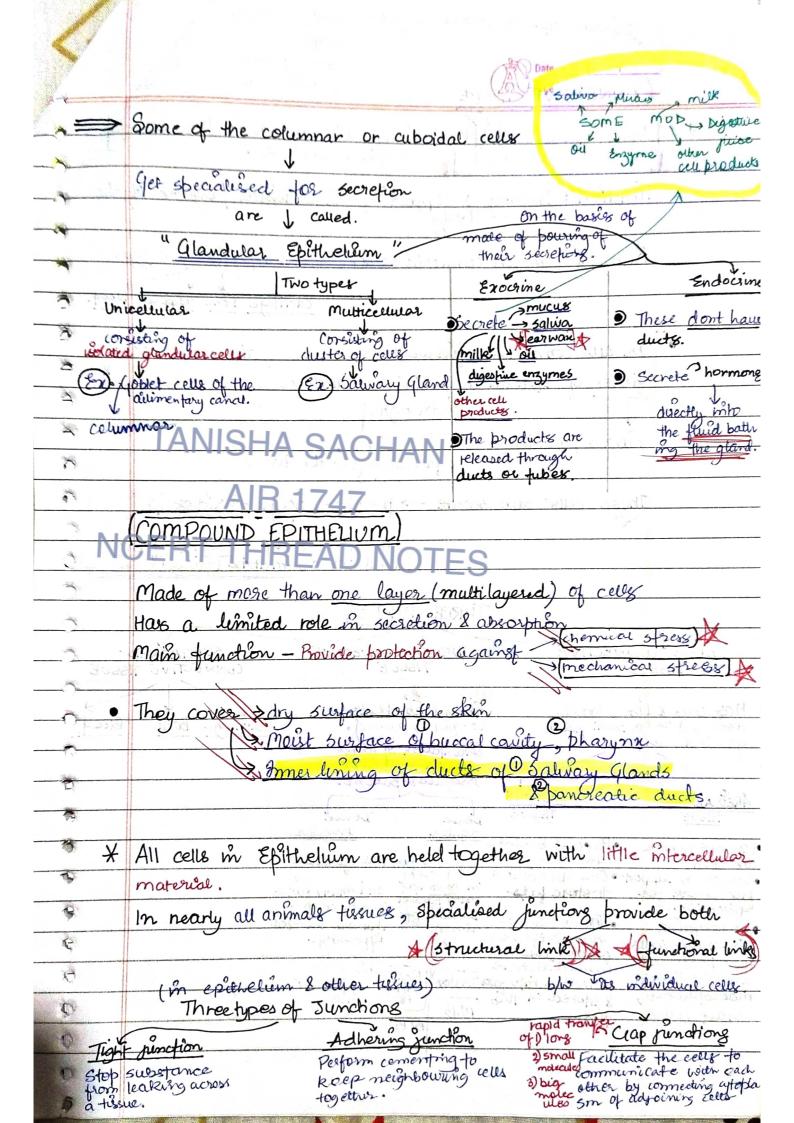
2	and the same of th	$C_1 \cup C_2 \cup C_3 \cup C_4 $
7		Structural Org. Inimals
-		
	•	In uniculation amazine > 2.5.12 con largement all lunctions
		In uniceular organisms - single cell performs all functions
		like > digestion
		TANISHA SACHAN Reproduction
3		IAINISHA SACHAN Reproduction
3		In complex body of multicular -> Basic functions are carried by
	Λ	ICEBT THREAD NOTES du seant ofor a celle in a well
5		ICERT THREAD NOTES different gross of cells in a well
4		organised manner.
~	\rightarrow	Body of hydra -> made of different types of culs & the no in
7		each type lan be thousands.
\sim		the type tance incommon.
1	→	Human body -> composed of billions of cells to perform various
1		functions Billions
7.	15	Torrectors. Militaris
Jones	(1)	Tissue -> In multicellular animals, a grip of similar cells alongwith
- 5	5 5 5	intercellular substance perform specific function.
34	Ni k	Property Common to Common to Common the Com
		All complex animals consist of only: 4 basic types of tissues *
2710	biskti.	Capality Ebithmian Commer ?
	(2)	ORGANS -> Tusiues are organized in specific proportion & buttons.
10.	a_e	OKGANS -> Tussues are organised in specific proportion & pottorn. [heart tungs]
2) (4)	dne	Meart Lings due to it of substill
AND L	(3)	DRGAN SYSTEM -> When two or more assess but a
		ORGAN SYSTEM -> When two or more organs perform a common function by their physical and/or chemical interactions:
d		physical arajor chemical interactions.
7	*	Colle tikules asama & alam Aulama al Del
ス		Cells, tusies, organs & organ systems split up the work in a way that exhibits during of labour & contribute to the survival
A.		of body at a color &
	ned a light	of brog as a Contre
7	5,44	grade statement for the state of the best
		Malical Control of the state of

14.1.1

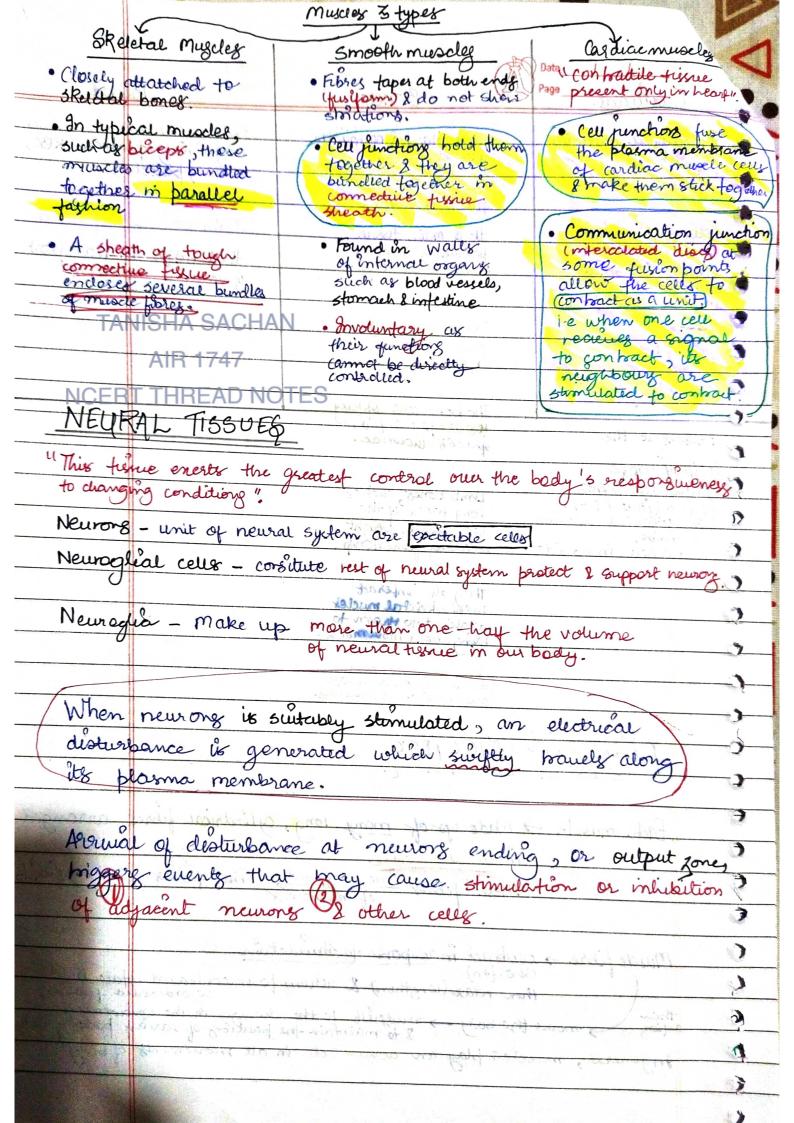




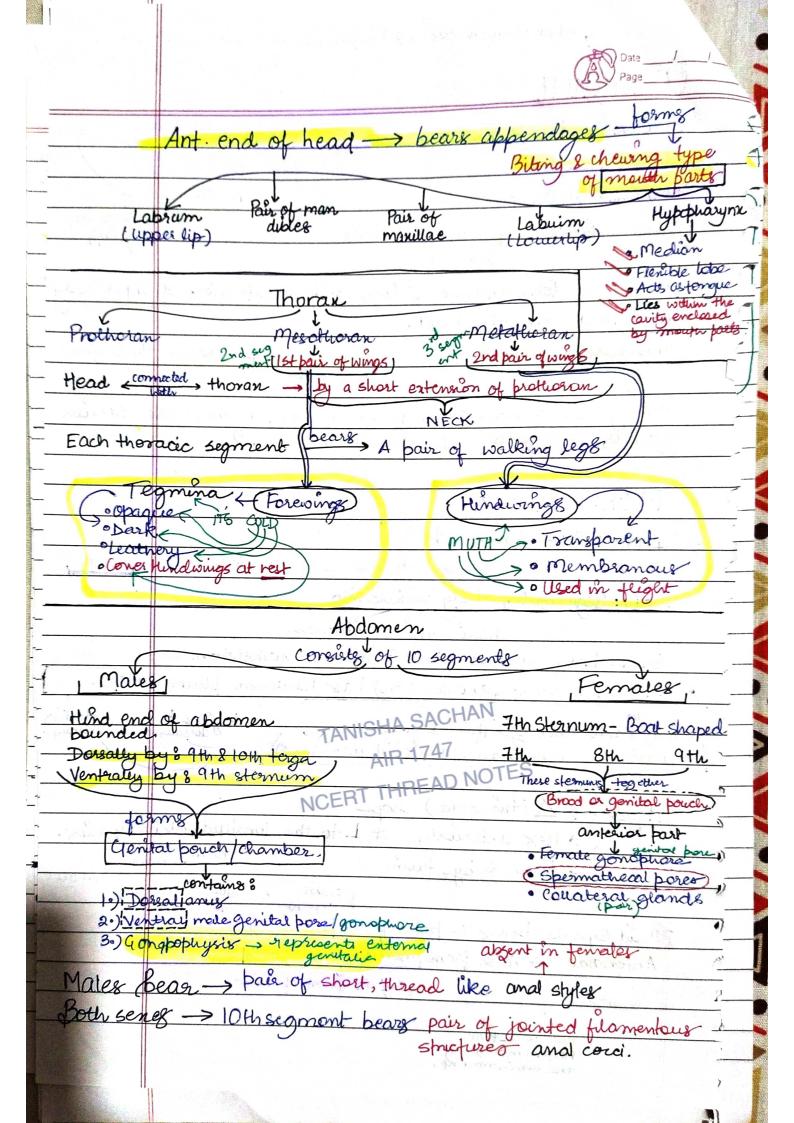
Diverse types of commediate fine bind together support stronghistons protect Page CONNECTIVE TISSUE most abundant most widely distributed in the body of animals. Concers all 3 types of trioler complen supporting other tiesues organs Body Range: From soft connective tessues - specialized type cartilage bone adipose blood connective fisues except blood the cells secrete stouchural proteins Called coursen or da astrongth Fibres provide: · elasticity fleribility to the tissue These cells also secrete -> modified bolysacchrides 7 accumulate b/W cells & fibres and act as motrix (ground substance) THREE TYPES LOOSE CONNECTIVE DENSE CONNECTIVE SPECIALISED TISSUE TISSUE CONNECTIVE TISSUE Granged in a semi fundo ground substance. Fibres & Fibroblasts are completely backed. Cartiloge Bone Blogg ANISHA SACHAN Orientation of fibrer show a regular or megular pattern. AREOLAR ADIPOSE R 1747 TISSUE TISSUE Dense Dense THREAD NOTES regulas. Isregular Present beneath · Present beneath the skin Serves as support · Cous specialised les project the skin. fibroblasts tramework for im rows b/w to store fats and many fibres (mostly certagen) many barattet bundles of The encess of punates nutrients which which Of contains) that are oriented fibroblasts (cells deferently. immediately are () that produce & This tissue secrete firses) Liga converted into fate Tendors macrophages, a present 8 stored in this men 18 in skin. mast ceus $m_{\mathcal{B}}$ tissue BLB)

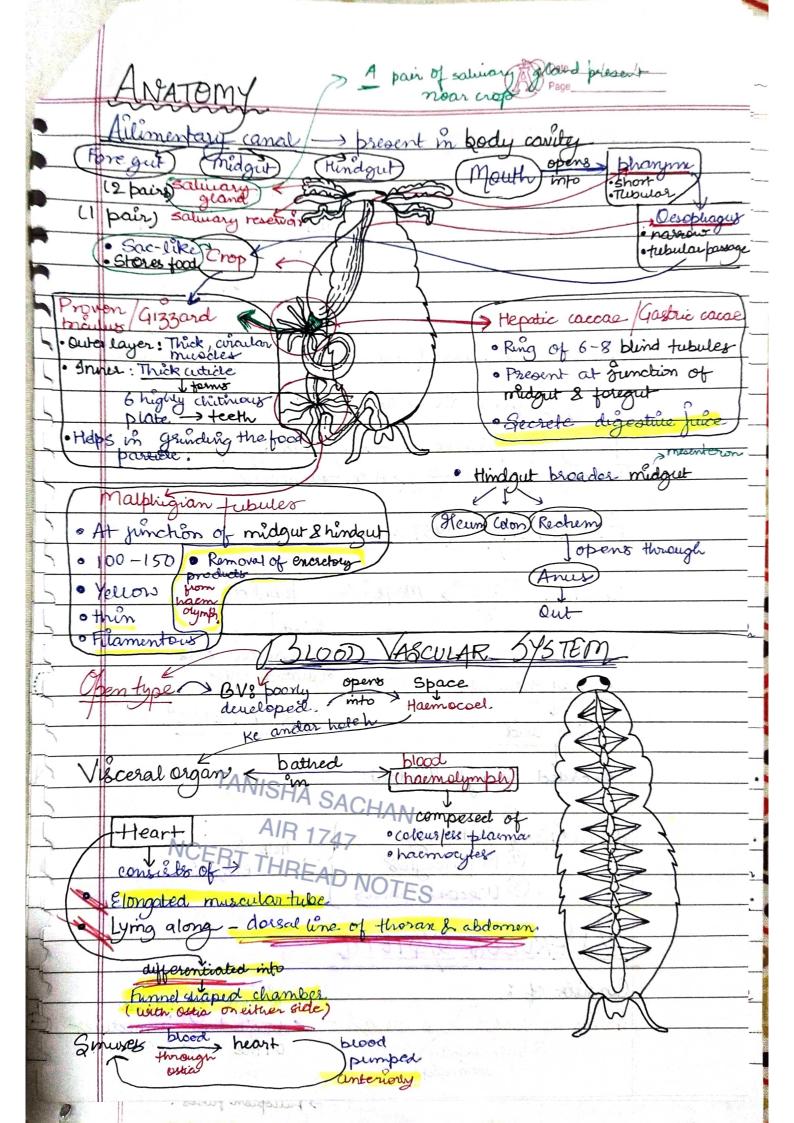
	· *	The Kameria	
		Sal water alphanes had	Date (Date)
	Cartilage	wand the copy of the A	
	Cultuage	Bones	Page Blood.
~ Int	excluder material	Have hard & non-pliable	Fluid connective tossues
W.C	solide & pliable &	ground substance ich	containing plasma, Koc,
nes	ust compression.	In calcium salts &	wec, plateles.
		goues sprength.	Legistra parallel
Cell	8 of this fissue		Main circulating fleid
- Chi	max ecution as	gt 18 main tosue providing sprintural	1. am contract
- mc	losed in small which, within the	frame to the body	that helps in transport
mct	trin secreted by	Living to Williams	of various substance.
2 then	n.	"Bones Support & .	
a me	st of the cartilages	brotect softer turner	ISHA SACHAN
in	vertebrate embruss	& orguns " TAN	IDLIV CV.C.
in 1	replaced by bones	. hould do not	AID 1747
4		The bone cells offery	AIN 17-17
Ph	esent at the	tex are present in	TUREAD NOTES
1)+	n 4 2000	spaces lacunae. ICER	ITANLA
2)0	p of noge were ar joints	Sept 2 more on the second	and there are a surface with the
3)6/	in adjacent bones y westerned column,	Limb bones, such as long bones of the	
Ó	Imbs,		Market Street
-7	hands in adults:	bearing functions.	Notices . unit of their
+ 2	and the state of the state of the		as a galgo d'Allego estal
14		They also interact	
		with skeletal muscles attached to them to	
		bring about mouments.	Hessenfie Make o
-9.		The bone marrow in	
140		some bones is the site broduction of blood cells.	
	Constitution (1)	sutuly say walles	al severanson merior
>-	Mina	100.100	to provide a series of the contract of the con
^_	1 Wact 1	100 y	a by something
* ***		/	the blasma member
	Cal la . x		
27	tach muscle - 11	ade up of many long,	cylindrical fibres arranged
13/13	MANUAL COM	barallel arrays	SECTION OF THE WAY IN
*0	The	se librer are composed	Fine fibries called myofibrils
P		of numerals	
À	Mudalika amb	act is such as a test of	_0
TA	Musde fibre -> conh	ract in response to stroulat	ion
	then	relax (lengthen) & return t	o incontracted state in co-ordinated fushion.
	their actions the	body - to adoiest to the of	hanses of the environment
	The state of the s	I to maintain the	positions of various parks of body.
	Ingeneral, muscles	s play an active role in	all movements of body.
X	Na.	/ 702 s	, 0
	AND THE PARTY OF T		

musely States.



	Adult common species 8 Periplaneta Americana	
	COCKROACH Date	}
b	Brown or Black bodied arrivals. Colour: Bright yellow	
	Class: Insecta REG Red	
	Photum: Arthroprodo	
Supra.	Sizer : Range: 1/4 niches to 3 inches regions.	
	(006-706 cm) (2)	
	They have long antennae, legs & flat entensions of upper body	
	wall that conceals head.	
5	"Noctural ornnivores" -> Live in damp places throughout	
7	[1]	
_	1) pests and Dectors of Several disease. " ACHAN	
	() perty and Vectors of Several dilease. ")	
7	MORPHOLOGY: AIR 1747	
\ \d	Length: 34-53 ram & NCERT THREAD NOTES	
=	Wings that entend beyond the tip of the abdomen in males?	
	Body: Segmented, body durisble into	
4	head thoran Abdomen.	<u> </u>
	Entire body, covered with & Chitinous enoskeleton (brown in colour)	
•	In each segment (renoikeleton) has hardened plater called scelerites	
jour	ed each other by thin & Henrible tergites sternites articular membrane (arthrodial membrane) tergites ventrality.	
1	articular membrane (arthround memorane)	
	Head -> 1 (trangular) shape	
2	I les anteriorly at I to the longitudinal body onis.	
	Formed by turion of 6 segments have shows great in	n
	flenible due directions in all	٠
	Head Capsule: bears a pair of compound eyes	
Pail	Antennae -> Arise from membranous sockets	
of the	Shuture. Lying in front of eyes	2
	have sensory sond transported -	
	help in monitoring the environment.	
	11.00	







	CRESPIRATORY SYSTEM.
(Consists of
	(20 fotal)
	network of trachea opens 10 pairs of small hofes
	through. > spiracles,
	3
	present of lateral side of body.
. 7	Thin branching tubes (bracheal tuber (subdivid bracheoler)
	carry of from air -> To bedy starts.
1	10 Bear pulles.
	Opening of spirades -> regulated by sphistery
Sec	Opening of spiracles -> regulated by sphisters Exchange of Gases by At tracheoler TANISHA SACHAN
	Face Process of the Control of the C
1	EXCRETORY SYSTEM AIR 1747
	NCEDT TUDEAD AIR-
	Excretion performed malphigian (tubules)
	lined hu
_	waste products · Glandular cells
	converts them into clitated cells
	Wric acid "URICOTELIC".
a la constitución de la constitu	Encreted through Hindget
	In addition, Fat body
10	FUN @ Nephrocytes + help in encretion
	3 Urecose Glands
one.	NERVOUS SYSTEM
	Consists of:
1	Sonie Mared
	(2) Segmentally on the ventral side.
	Deg mentally arranged on the ventral side.

- 3--

	Page manufactured and the second seco
N concessorate access	3 ganglia at → thorax 6 ganglia at → abdomen
	* The new our system of sales and is also all the
1	* The head holds a hit of merupus autem white and "
Marie and a second	* The nervous system of cockroach is spread throughout the body. * The head holds a bit of nervous system white rest is situated along the ventral (bely side) part of body.
The second second second	A CONTRACT OF THE PROPERTY OF
1	Hence, if head act off, It will still live for as long
Marine and Marine and American	
No. of Concession, Name of Street, or other Desires.	In head -> Brain represented -> Supra Ocsophageal TANISHA SACHANDY ganglia
Account of the second	In head -> Brain represented -> Supra Ocsophageal TANISHA SACHANDY ganglia
-	AIR 1/47 antennae
N	CERT THREAD NOTES Compaind eyes (LIAMAE)
-	(LIAMAE)
\$	antermae AMAE -
Mary Control	Sense organs in Coackroach seyes in market palper
-	lation polys
1	anal cerd t
3	Compound ever - at closed survey of board
	Compound eyer -> at closest surface of heard. Each eye -> 2000 heragoral omnaticha (sing: amatidum)
	Sport of Constitution (org. Competition)
*Z	with the help of several omnation -> Cockraach recience several mages of an object.
	mages of an object.
	Visión: Mosaic more sersitivity (es resolution
1	Y Commission of the Commission
	Common during night -> nochumal vision :
	MEPRODUCTIVE SYSTEM
	Cockroach ? DIOECIOUS
	Both sones - Well developed vieproductive organs
	Internal fertilination

